SINA JAMSHIDI ✉ HELLO@SINAJAMSHIDI.COM | 🌐 SINAJAMSHIDI.COM

EXPERIENCE HIGHLIGHTS

SOFTWARE ENGINEERING INTERN (ALTUMVIEW SYSTEMS INC)   JAN 2019 – AUG 2019

Artificial Intelligence Education (4 months)

- Designed and built an AI Robot that uses deep learning to detect and chase people
- Drove decision making for the robot with a multithreaded program that used sensor data, camera input, and deep learning
- Created a variety of mini projects to introduce deep learning concepts to beginners using Python
- Implemented the projects using libraries including NumPy, OpenCV, and Keras

Mobile App Team (4 months)

- Collaborated in a team of 6 on an Android and iOS app for a BLE-enabled hardware product using Xamarin Forms
- Implemented Android bottom navigation using a custom renderer in C#, making app design consistent between platforms
- Configured app as a GATT client, allowing a connection to BLE product
- Reduced server calls with appropriate caching, leading to improved app performance
- Communicated with server endpoints using HTTP requests, integrating cloud features into the app

PROJECT MANAGEMENT INTERN (ALTUMVIEW SYSTEMS INC)   MAY 2018 – SEP 2018

- Conducted Agile daily stand-ups in a dynamic startup with 7 different teams working on 3 different products at various stages of development
- Defined features and created user stories, resulting in consistency between software and design
- Wrote a variety of documentation including two product requirement documents, resulting in a clear direction for the products going forward

PROJECTS

DUBHACKS 2019 PROJECT (TIDBITS - MOOD TRACKER) – AZURE PRIZE FINALIST   OCT 2019

- Tidbits is a mood tracker that harnesses Azure Cognitive Services. It brings together vision emotion detection, sentiment analysis, speech-to-text, and entity extraction into a useful web-app
- Individually, developed a flask server with endpoints to deliver payloads between front and back-end
- Set up Azure sentiment analysis and entity extraction with custom classes for API communication
- Created back-end classes to clean and analyze data then display meaningful sentiment-entity pairs

SCHOOL PROJECT (PHONE SENSOR DATA ANALYSIS)   JAN 2018 – MAY 2018

- Designed and employed a data analysis pipeline for phone sensor data using Python as part of a 3-person team
- Developed an algorithm to automate ETL to allow the user to easily feed raw data and receive deliverables such as distance traveled, direction of travel, and number of steps taken

SKILLS/KNOWLEDGE

LANGUAGES AND TECHNOLOGIES: Python | C# | C++ | Docker | Git

EDUCATION

B. SCIENCE – COMPUTING SCIENCE, SIMON FRASER UNIVERSITY, GRADUATING 2019

COURSE HIGHLIGHTS: Data Structures, Algorithms, Data Science, Software Engineering, Machine Learning

B. ARTS - PSYCHOLOGY, SIMON FRASER UNIVERSITY, FEBRUARY 2015

COURSE HIGHLIGHTS: Cognitive Psychology, Attention, Perception, Memory, Emotions